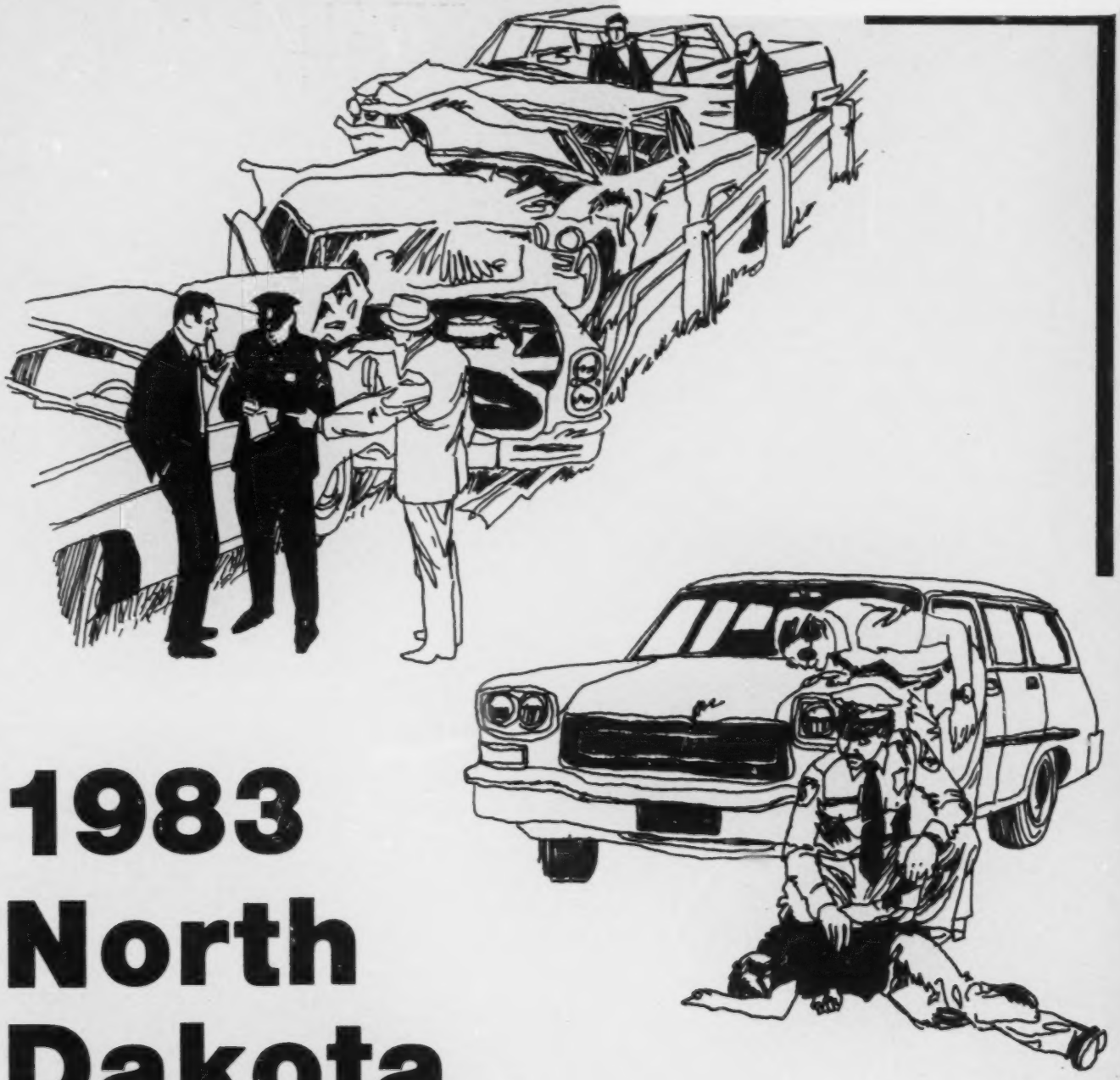

1983 North Dakota Vehicular Accident Facts

Planning Division
North Dakota State Highway Department

NORTH DAKOTA
VEHICULAR ACCIDENT FACTS

July 1984

Prepared by

NORTH DAKOTA STATE HIGHWAY DEPARTMENT
BISMARCK, NORTH DAKOTA

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It is realized that without the efforts of these officers, this publication produced from the Traffic Records System would not be possible.

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INTRODUCTION

This annual publication is a study of the data compiled and developed from an analysis of the motor vehicle traffic accidents for all street and highway systems in North Dakota. This data is received from reports submitted by law enforcement agencies in their investigations of all traffic accidents resulting in death, personal injury, or property damage of $400 or more during 1983.

The Planning Division of the State Highway Department wishes to thank everyone concerned for their cooperation in providing information concerning accidents to the investigating officers so reports such as this can be prepared. Only by a more thorough understanding of the causes of accidents by officials and the general public can we bring about greater safety to those who must use the streets and highways of our state.

You are urged to study this report carefully, for traffic accidents are a problem that concerns each individual motor vehicle driver, bicyclist, and pedestrian. Your understanding of the traffic accident problem will make our state a safer place in which to live.

Whenever possible this office will be glad to furnish any statistical data concerning motor vehicle accidents. For more information contact the Planning Division, North Dakota State Highway Department, 600 E. Boulevard Avenue, Bismarck, North Dakota 58505-0178, phone (701) 224-2537 or (701) 224-4404.

DID YOU KNOW?

1981	1982	1983	
5,445,629,000	5,381,250,000	5,447,047,000	vehicle miles traveled within the state.
15,371	15,871	14,699	traffic accidents occurred in North Dakota.
166	148	116	persons were killed in traffic accidents.
6,213	5,814	5,504	persons were injured in traffic accidents.
56%	52%	50%	of the fatal accidents occurred after dusk and before dawn.
59%*	79%	85%	of the fatal accidents occurred on dry surface with clear/cloudy weather conditions.

1983 FACTS AND FIGURES

WHO?

5.4% of all licensed drivers in North Dakota were involved in a traffic accident.
74.1% of all fatalities were male.
37.9% of those killed were between the ages of 14-24. Males in this age group account for 41.9% of all male fatalities. Females in this age group account for 26.7% of all female fatalities.

Ratio of injured to killed was 5,504 to 116 or 47 to 1.

60% of the fatal accidents involved a single motor vehicle.

WHERE?

15.2% of the fatal accidents occurred in urban areas.
84.8% of the fatal accidents occurred in rural areas.

WHEN?

25.7% of all fatal accidents occurred in August and October.
20.0% of all fatal accidents occurred on Sunday.
38.1% of all the fatal accidents occurred on Saturday through Sunday.
11.4% of all fatal accidents occurred between 1:00-1:59 a.m.
A reportable accident occurred every 36 minutes.
One person was injured every 1.6 hours.
One person was killed every 3.1 days.

58% of the vehicles involved in accidents were passenger cars.

The total number of registered motorcycles in 1983 was 32,134 compared to 31,312 in 1982.

Of the 404 motorcycles involved in accidents, 16 were involved in fatal accidents and 332 were involved in injury accidents.

Of the 134 pedalcycles involved in accidents, 2 were involved in fatal accidents and 132 were involved in injury accidents.

Of the 49 school buses involved in accidents, 1 was involved in a fatal accident and 20 were involved in injury accidents.

32 emergency vehicles were involved in accidents, none were involved in a fatal accident and 14 were involved in injury accidents.

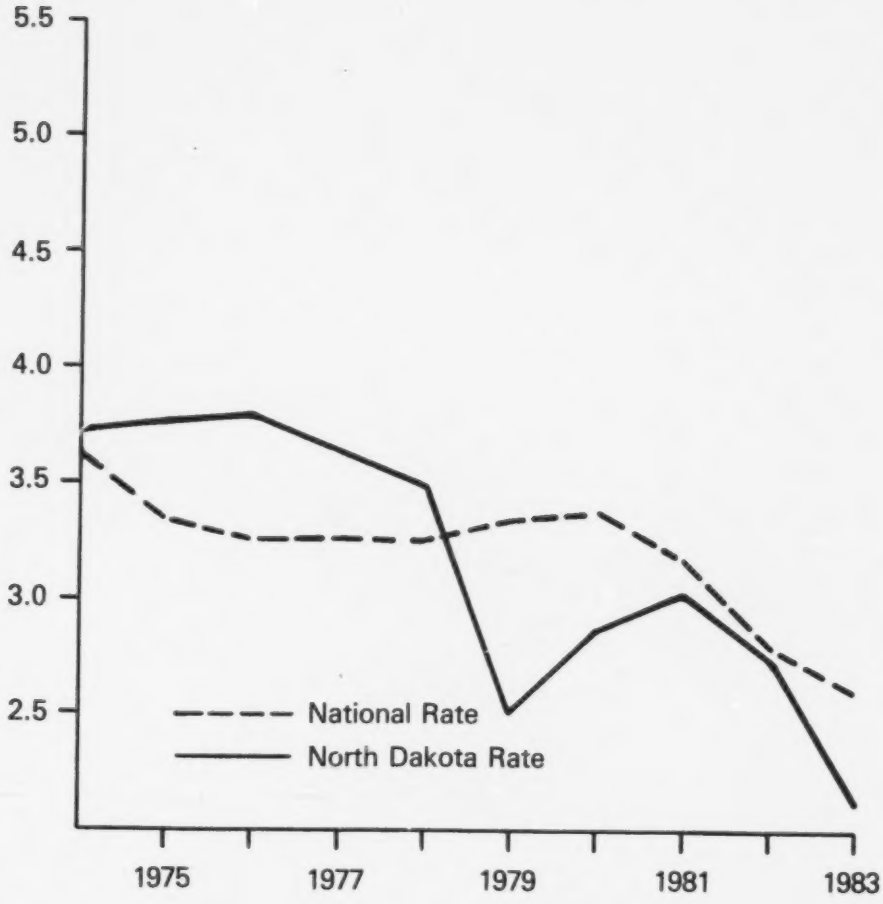
*Reported as clear weather conditions only.

COST OF TRAFFIC ACCIDENTS

Year	Fatalities Number	Fatalities Estimated Loss*	Injuries Number	Injuries Estimated Loss*	Property Damage Accidents Number	Property Damage Accidents Estimated Loss*	Total Estimated Loss*
1974	162	$46,522,350	4,799	$15,284,815	10,389	$5,402,280	$67,209,445
1975	169	48,532,575	5,901	18,794,685	12,549	6,525,480	73,852,740
1976	182	52,265,850	6,252	19,912,620	12,538	6,519,760	78,698,230
1977	180	51,691,500	6,346	20,212,010	13,318	6,925,360	78,828,870
1978	185	53,127,375	6,206	19,766,110	13,756	7,153,120	80,046,605
1979	128	36,758,400	6,386	20,339,410	13,850	7,202,000	64,299,810
1980	151	43,363,425	5,885	18,743,725	10,744	5,586,880	67,694,030
1981	166	47,671,050	6,213	19,788,405	11,069	5,755,880	73,215,335
1982	148	42,501,900	5,814	18,517,590	11,866	6,170,320	67,189,810
1983	116	$33,312,300	5,504	$17,530,240	10,971	$5,704,920	$56,547,460

*Estimated at $287,175 per fatality, $3,185 per injury and $520 per reportable accident.
Estimated figures published by U.S. Department of Transportation, National Highway Traffic Safety Administration.

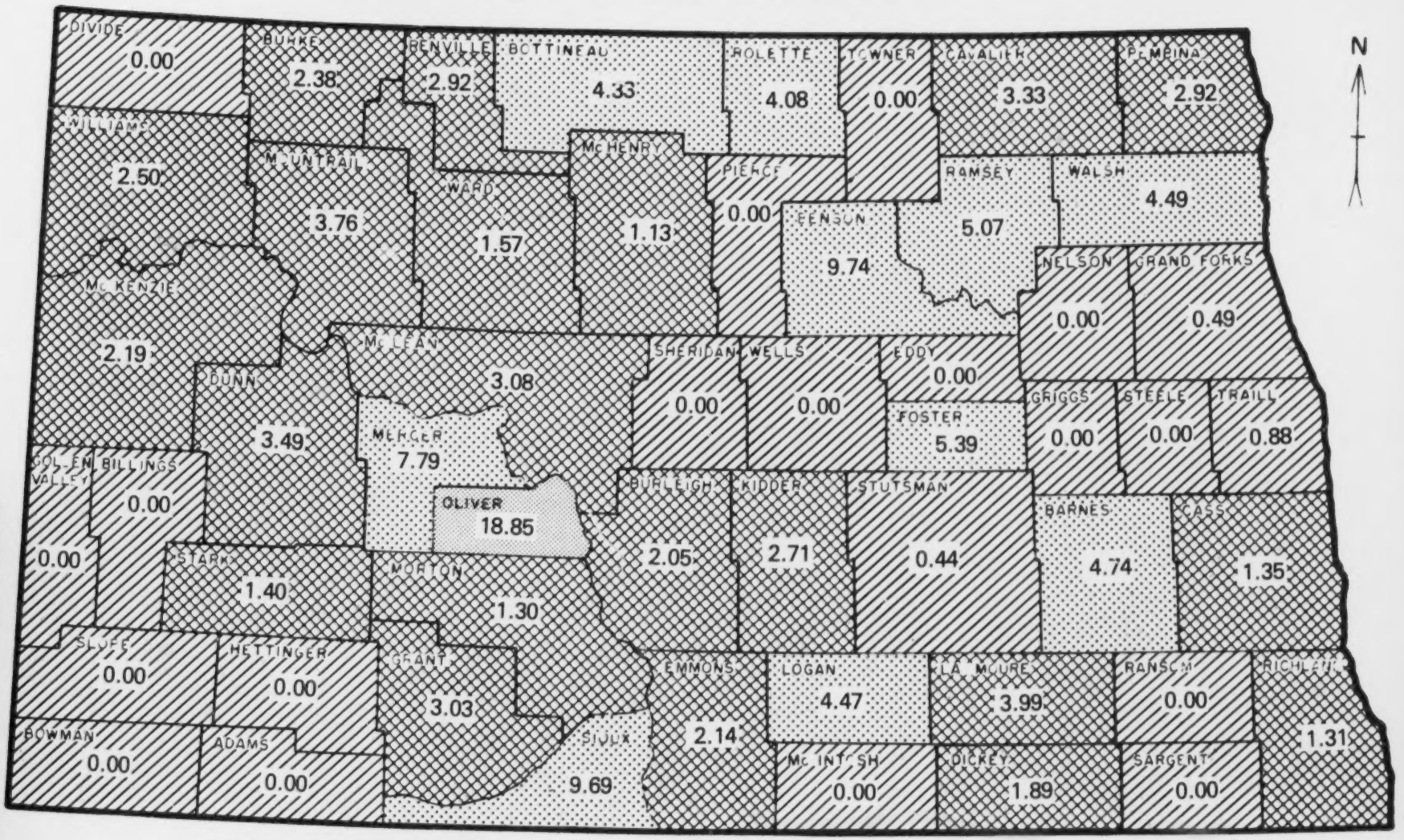
FATALITIES, NORTH DAKOTA AND NATIONAL FATALITY RATE*



YEAR	NORTH DAKOTA FATALITIES	NORTH DAKOTA RATE	NATIONAL** FATALITIES	NATIONAL** RATE
1974	162	3.71	46,078	3.59
1975	169	3.75	44,525	3.35
1976	182	3.81	45,523	3.25
1977	180	3.63	47,878	3.26
1978	185	3.50	50,331	3.26
1979	128	2.50	51,093	3.34
1980	151	2.85	51,077	3.38
1981	166	3.04	49,338	3.18
1982	148	2.75	43,990	2.80
1983	116	2.13	42,458	2.60

*Rate is based on deaths per 100 million vehicle miles traveled.
**National figures are taken from data published by the Federal Highway Administration.

1983 FATALITY RATES BY COUNTY



RATE IS BASED ON DEATHS PER 100 MILLION VEHICLE MILES TRAVELED WITHIN COUNTIES

0.00 - 0.99	21 counties	4.00 - 10.00	10 counties
1.00 - 3.99	21 counties	OVER - 10.00	1 county

NATIONAL RATE 2.60 — NORTH DAKOTA RATE 2.13

BEST AVAILABLE COPY

PERSONS KILLED AND INJURED BY COUNTY

County	Number Killed	Number Injured	Pedestrians Killed	Pedestrians Injured
Adams	—	15	—	—
Barnes	8	160	—	4
Benson	7	55	1	1
Billings	—	45	—	—
Bottineau	4	53	—	2
Bowman	—	22	—	—
Burke	1	28	—	—
Burleigh	7	693	2	26
Cass	9	779	2	30
Cavalier	2	42	—	—
Dickey	1	30	—	—
Divide	—	33	—	—
Dunn	2	68	—	1
Eddy	—	22	—	3
Emmons	1	45	—	—
Foster	2	34	—	1
Golden Valley	—	17	—	—
Grand Forks	2	634	1	12
Grant	1	27	—	—
Griggs	—	21	—	1
Hettinger	—	9	—	—
Kidder	2	33	—	—
LaMoure	2	28	—	—
Logan	1	10	—	—
McHenry	1	39	—	1
McIntosh	—	20	—	—
McKenzie	3	88	—	1
McLean	4	68	—	—
Mercer	6	149	—	1
Morton	3	264	—	7
Mountrail	3	71	—	1
Nelson	—	17	—	—
Oliver	5	22	—	—
Pembina	3	46	1	1
Pierce	—	28	—	—
Ramsey	6	93	—	2
Ransom	—	26	—	—
Renville	1	19	—	—
Richland	2	96	—	4
Rolette	3	101	—	1
Sargent	—	24	—	—
Sheridan	—	8	—	—
Sioux	2	8	—	1
Slope	—	10	—	—
Stark	3	179	—	8
Steele	—	27	—	—
Stutsman	1	216	—	6
Towner	—	28	—	1
Traill	1	32	—	1
Walsh	6	127	—	2
Ward	6	462	1	19
Wells	—	66	—	—
Williams	5	267	1	6
TOTALS	116	5,504	9	144

REPORTABLE ACCIDENTS BY COUNTY

County	Total	Percent	Fatal	Injury	Property Damage
Adams	39	0.3	—	10	29
Barnes	333	2.3	7	78	248
Benson	122	0.8	5	30	87
Billings	70	0.5	—	25	45
Bottineau	161	1.1	2	35	124
Bowman	72	0.5	—	16	56
Burke	58	0.4	1	18	39
Burleigh	1,814	12.3	7	483	1,324
Cass	2,418	16.5	8	572	1,838
Cavalier	106	0.7	2	27	77
Dickey	103	0.7	1	24	78
Divide	74	0.5	—	22	52
Dunn	119	0.8	2	44	73
Eddy	75	0.5	—	17	58
Emmons	87	0.6	1	22	64
Foster	78	0.5	2	21	55
Golden Valley	49	0.3	—	9	40
Grand Forks	1,327	9.0	2	429	896
Grant	56	0.4	1	16	39
Griggs	53	0.4	—	16	37
Hettinger	48	0.3	—	8	40
Kidder	80	0.6	1	25	54
LaMoure	62	0.4	2	18	42
Logan	57	0.4	1	6	50
McHenry	124	0.8	1	27	96
McIntosh	74	0.5	—	15	59
McKenzie	204	1.4	3	54	147
McLean	174	1.2	4	38	132
Mercer	342	2.3	6	91	245
Morton	561	3.8	3	166	392
Mountrail	146	1.0	3	38	105
Nelson	80	0.6	—	9	71
Oliver	64	0.4	3	14	47
Pembina	113	0.8	2	31	80
Pierce	86	0.6	—	17	69
Ramsey	285	1.9	6	53	226
Ransom	101	0.7	—	23	78
Renville	90	0.6	1	12	77
Richland	295	2.0	2	60	233
Rolette	191	1.3	3	51	137
Sargent	79	0.5	—	18	61
Sheridan	17	0.1	—	4	13
Sioux	19	0.1	2	4	13
Slope	23	0.2	—	5	18
Stark	638	4.3	3	118	517
Steele	53	0.4	—	12	41
Stutsman	666	4.5	1	155	510
Towner	55	0.4	—	21	34
Traill	146	1.0	1	23	122
Walsh	339	2.3	5	85	249
Ward	1,404	9.6	6	310	1,088
Wells	124	0.8	—	39	85
Williams	745	5.1	5	159	581
TOTALS	14,699	100.0	105	3,623	10,971

MOTOR VEHICLE FATALITIES ON MAJOR HOLIDAYS

Holiday	Beginning Date	Ending Date	Hours*	Number Deaths
Memorial Day	May 27	May 30	78	3
July 4th	July 1	July 4	78	1
Labor Day	Sept. 2	Sept. 5	78	2
Thanksgiving	Nov. 23	Nov. 27	102	—
Christmas	Dec. 23	Dec. 26	78	—
New Years	Dec. 30, 1983	Jan. 2, 1984	78	1
			TOTAL	7

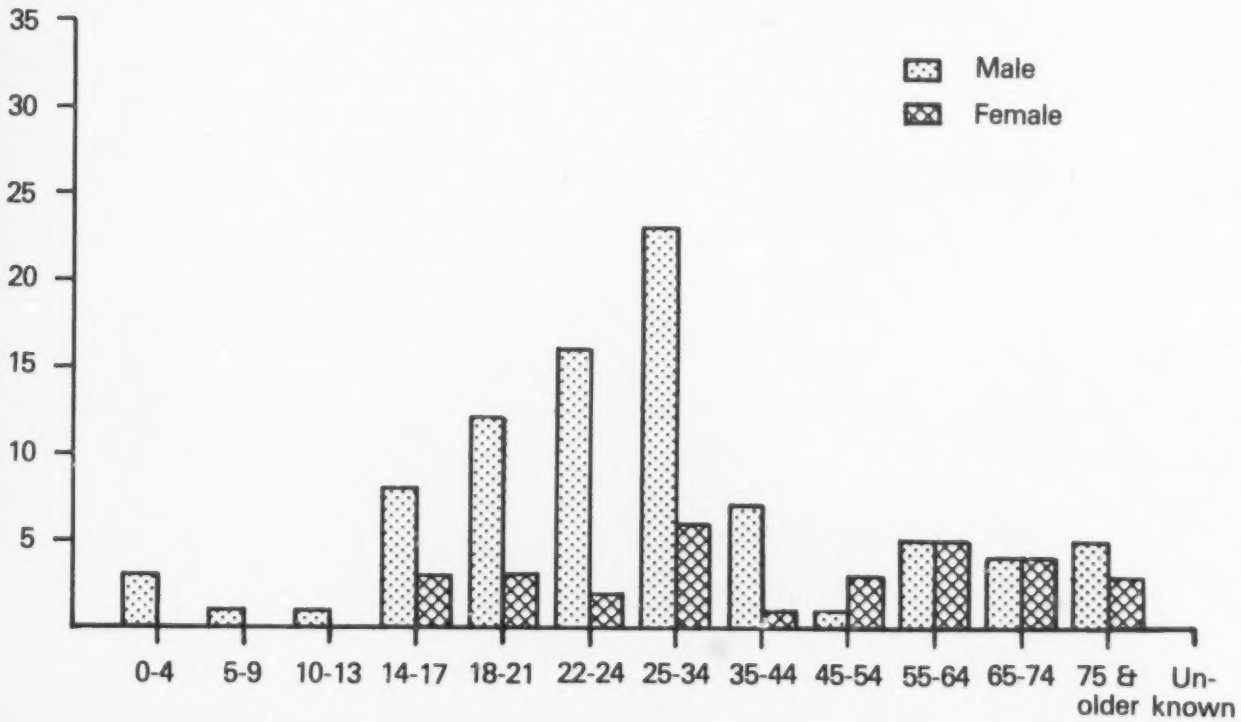
*Holiday hours established by the National Safety Council and begin at 6:00 p.m. on date shown, and end at 12:00 p.m. on date shown.

TOTAL AND FATAL ACCIDENTS BY TIME OF DAY AND DAY OF WEEK

Time of Day	Total Accidents			Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	Total	%	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals
12:01 a.m. - 12:59 a.m.	532	3.6	8	24	—	52	—	52	2	46	—	81	1	149	4	128	1
1:00 a.m. - 1:59 a.m.	674	4.6	12	23	—	57	2	53	1	69	1	92	4	186	—	194	4
2:00 a.m. - 2:59 a.m.	388	2.6	9	13	—	32	3	30	1	33	2	43	1	99	1	138	1
3:00 a.m. - 3:59 a.m.	236	1.6	5	15	—	14	1	13	—	13	—	21	—	71	2	89	2
4:00 a.m. - 4:59 a.m.	159	1.1	5	11	—	15	—	11	—	7	—	10	1	46	2	59	2
5:00 a.m. - 5:59 a.m.	140	1.0	1	14	—	14	—	17	—	13	—	11	—	36	1	35	—
6:00 a.m. - 6:59 a.m.	259	1.8	1	39	1	46	—	19	—	39	—	36	—	43	—	37	—
7:00 a.m. - 7:59 a.m.	499	3.4	3	82	1	103	1	76	—	86	—	84	—	38	1	30	—
8:00 a.m. - 8:59 a.m.	613	4.2	3	107	—	112	1	101	—	105	—	108	1	57	1	23	—
9:00 a.m. - 9:59 a.m.	501	3.4	2	74	—	99	—	71	1	71	—	74	1	74	—	38	—
10:00 a.m. - 10:59 a.m.	600	4.1	4	86	1	103	1	80	—	80	—	89	1	98	—	64	1
11:00 a.m. - 11:59 a.m.	758	5.2	6	125	—	96	—	117	2	107	1	115	—	135	1	63	2
12:00 p.m. - 12:59 p.m.	906	6.2	2	120	—	142	—	159	1	120	—	157	1	138	—	70	—
1:00 p.m. - 1:59 p.m.	811	5.5	5	122	—	116	1	113	—	132	2	148	—	124	1	56	1
2:00 p.m. - 2:59 p.m.	782	5.3	—	96	—	121	—	105	—	121	—	156	—	104	—	79	—
3:00 p.m. - 3:59 p.m.	1,026	7.0	6	156	—	167	1	158	—	169	1	181	1	131	1	64	2
4:00 p.m. - 4:59 p.m.	1,050	7.1	6	165	2	169	1	161	—	148	1	189	1	139	—	79	1
5:00 p.m. - 5:59 p.m.	924	6.3	4	151	1	133	1	133	1	153	—	139	1	129	—	86	—
6:00 p.m. - 6:59 p.m.	711	4.8	4	95	1	105	1	77	—	77	1	153	—	120	1	84	—
7:00 p.m. - 7:59 p.m.	683	4.6	4	114	—	85	1	89	—	80	—	133	—	106	—	76	3
8:00 p.m. - 8:59 p.m.	604	4.1	4	59	—	77	2	76	—	97	1	102	—	123	1	70	—
9:00 p.m. - 9:59 p.m.	610	4.1	4	69	1	74	1	73	—	88	—	138	—	100	1	68	1
10:00 p.m. - 10:59 p.m.	650	4.4	5	66	2	53	1	95	—	107	—	136	1	132	1	61	—
11:00 p.m. - 11:59 p.m.	583	4.0	2	56	—	65	—	71	1	69	—	140	1	126	—	56	—
TOTALS	14,699	100.0	105	1,882	10	2,050	19	1,950	10	2,030	10	2,536	16	2,504	19	1,747	21

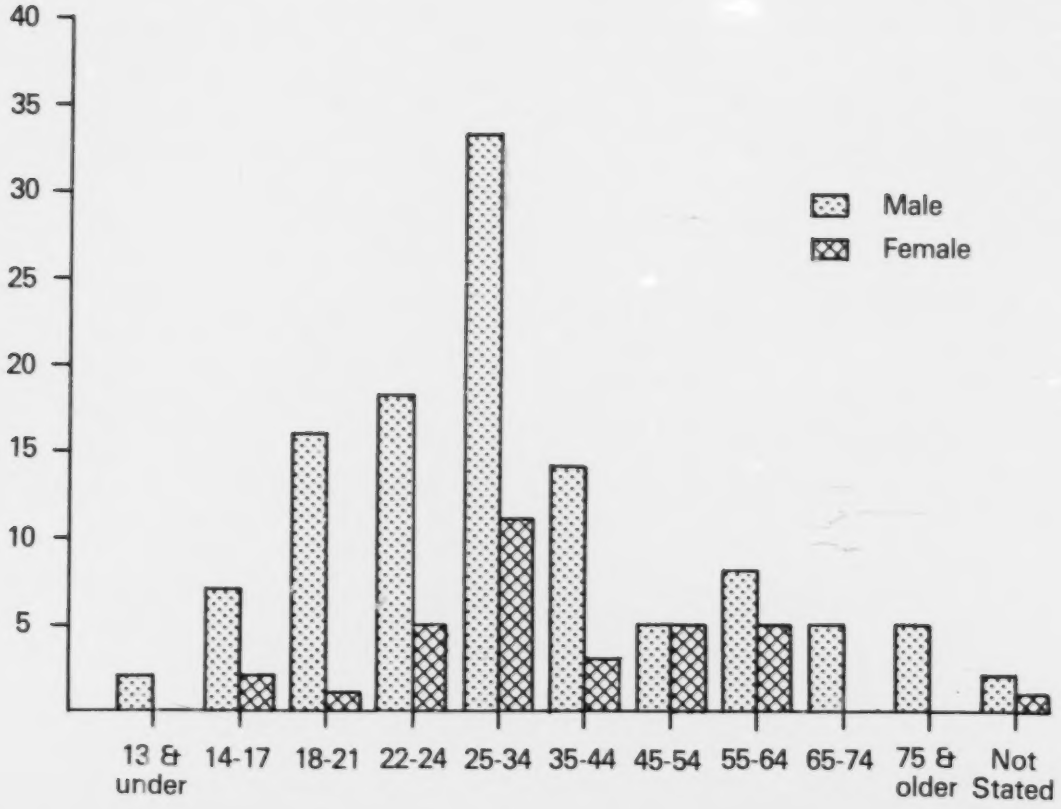
AGE AND SEX OF FATALITIES

Age	Total Fatalities Male	Total Fatalities Female	Pedestrian Fatalities Male	Pedestrian Fatalities Female	Pedalcyclist Fatalities Male	Pedalcyclist Fatalities Female
0 – 4	3	–	1	–	–	–
5 – 9	1	–	–	–	1	–
10 – 13	1	–	–	–	–	–
14 – 17	8	3	–	–	–	–
18 – 21	12	3	–	1	1	–
22 – 24	16	2	2	–	–	–
25 – 34	23	6	1	–	–	–
35 – 44	7	1	–	–	–	–
45 – 54	1	3	–	–	–	–
55 – 64	5	5	1	–	–	–
65 – 74	4	4	–	1	–	–
75 & older	5	3	–	2	–	–
Unknown	–	–	–	–	–	–
TOTAL	86	30	5	4	2	0



AGE AND SEX OF DRIVERS INVOLVED IN FATAL ACCIDENTS

Age	Male	Female	Total	% of Total
13 & under	2	—	2	1.3
14 — 17	7	2	9	6.1
18 — 21	16	1	17	11.5
22 — 24	18	5	23	15.5
25 — 34	33	11	44	29.7
35 — 44	14	3	17	11.5
45 — 54	5	5	10	6.8
55 — 64	8	5	13	8.8
65 — 74	5	—	5	3.4
75 & older	5	—	8	5.4
Not Stated	2	1	—	—
TOTAL	115	33	148	100.0



AGE AND SEX OF PERSONS INJURED

Age	Total	All Injuries Percent	Male	Female	Pedestrian Injuries Male	Pedestrian Injuries Female	Pedalcyclist Injuries Male	Pedalcyclist Injuries Female
0 – 4	152	2.8	81	71	5	7	3	1
5 – 9	235	4.3	125	110	16	10	21	5
10 – 13	177	3.2	102	75	3	3	25	12
14 – 17	658	11.9	362	296	2	6	11	8
18 – 21	1,090	19.8	670	420	7	8	14	8
22 – 24	605	11.0	401	204	5	2	3	5
25 – 34	1,092	19.8	705	387	7	10	11	2
35 – 44	400	7.3	210	190	5	3	3	–
45 – 54	330	6.0	163	167	6	6	1	–
55 – 64	274	5.0	143	131	8	1	–	–
65 – 74	222	4.0	105	117	4	6	–	–
75 & older	122	2.2	62	60	3	4	–	–
Unknown	147	2.7	70	77	6	1	2	–
TOTAL	5,504	100.0	3,199	2,305	77	67	94	41

ACCIDENT INVOLVEMENT BY AGE, SEX AND LICENSE OF DRIVER

Age	Licensed Drivers	Percent	Involved in All Accidents	Percent	Involved in Injury Accidents	Percent
13 and under	—	—	109	0.5	85	1.5
14 — 17	21,287	4.9	2,344	10.0	594	10.2
18 — 21	42,007	9.7	4,562	19.5	1,209	20.7
22 — 24	34,741	8.0	2,720	11.6	697	11.9
25 — 34	104,852	24.1	5,600	23.9	1,411	24.2
35 — 44	67,638	15.5	2,682	11.4	613	10.5
45 — 54	52,577	12.1	1,742	7.4	441	7.6
55 — 64	50,929	11.7	1,423	6.1	339	5.8
65 — 74	40,884	9.4	1,046	4.5	224	3.8
75 and older	20,200	4.6	1,192	5.1	219	3.8
Not Stated	—	—	3	—	—	—
TOTAL	435,115	100.0	23,423	100.0	5,832	100.0
Sex						
Male	226,417	52.0	15,548	66.4	3,909	67.0
Female	208,698	48.0	7,277	31.1	1,848	31.7
Not Stated	—	—	598	2.5	75	1.3
TOTAL	435,115	100.0	23,423	100.0	5,832	100.0

DRIVER INVOLVEMENT

License	All Accidents	Percent	Injury Accidents	Percent
North Dakota	19,164	81.8	4,616	79.2
Out-of-State	3,095	13.2	853	14.6
Unknown	1,164	5.0	363	6.2
TOTAL	23,423	100.0	5,832	100.0

ALCOHOL STATISTICS

The North Dakota Century Code requires that the State Toxicologist analyze a blood sample of every person killed in a traffic accident for the purpose of determining if the individual has a Measurable Blood Alcohol Content (BAC), and what the percentage of BAC was. The following statistics were provided by the State Toxicologist for the period January 1974 thru December 1983.

	1983	January 1974 thru December 1983
Traffic Deaths in North Dakota	116	1,591
Victims 14 years of age and older	109	1,496
Number of satisfactory blood samples analyzed	81	1,049
Victims	116 (81)*	1,591 (1,049)*
Measurable BAC	54 or 67%	673 or 64%
BAC of 0.05% or higher	51 or 63%	608 or 58%
BAC of 0.10% or higher	48 or 59%	530 or 51%
BAC of 0.15% or higher	37 or 46%	424 or 40%
BAC of 0.20% or higher	23 or 28%	267 or 25%
Drivers Killed	73 (58)	1,030 (751)
Measurable BAC	39 or 67%	488 or 65%
BAC of 0.05% or higher	37 or 64%	449 or 60%
BAC of 0.10% or higher	35 or 60%	402 or 54%
BAC of 0.15% or higher	28 or 48%	323 or 43%
BAC of 0.20% or higher	17 or 29%	210 or 28%
Drivers Killed in Single Vehicle Accidents	34 (28)	446 (345)
Measurable BAC	22 or 79%	274 or 79%
BAC of 0.05% or higher	22 or 79%	265 or 77%
BAC of 0.10% or higher	21 or 75%	250 or 72%
BAC of 0.15% or higher	18 or 64%	204 or 59%
BAC of 0.20% or higher	13 or 46%	141 or 41%
Victims 14 to 20 Years of Age	20 (13)	402 (277)
Measurable BAC	9 or 69%	190 or 69%
BAC of 0.05% or higher	8 or 62%	157 or 57%
BAC of 0.10% or higher	7 or 54%	126 or 45%
BAC of 0.15% or higher	2 or 15%	80 or 29%
BAC of 0.20% or higher	1 or 8%	34 or 12%
Drivers 14 to 20 Years of Age	9 (7)	228 (170)
Measurable BAC	5 or 71%	114 or 67%
BAC of 0.05% or higher	5 or 71%	100 or 59%
BAC of 0.10% or higher	4 or 57%	85 or 50%
BAC of 0.15% or higher	2 or 29%	55 or 32%
BAC of 0.20% or higher	1 or 14%	25 or 15%

*Numbers in parenthesis are the number of blood samples processed by the State Toxicologist.

DRIVERS LICENSE DIVISION
TRAFFIC VIOLATIONS/CONVICTIONS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1983	1982
No Driver's License	397	508	335	226	196	406	280	286	324	282	335	263	3,838	3,114
Reckless Driving	81	99	56	45	41	88	61	38	39	38	74	50	710	503
Speeding	12,336	15,060	9,690	5,342	4,490	7,968	5,034	5,290	7,696	7,230	9,679	7,385	97,200	69,791
Stop Sign	752	1,075	841	446	292	592	303	322	415	393	449	375	6,255	4,190
Careless Driving	190	268	148	87	69	107	75	55	87	84	129	76	1,375	1,102
Lv/Scene - Property Damage	30	29	22	35	20	26	18	33	14	19	39	23	308	310
Care Required	318	490	399	197	167	295	188	192	279	208	229	204	3,166	2,212
Exhibition Driving	212	307	238	141	137	242	143	193	200	192	180	120	2,305	1,932
Open Bottle, Over 21	333	347	284	179	133	239	212	164	229	138	189	154	2,601	2,170
Open Bottle, Under 21	189	220	178	101	103	143	105	107	105	114	150	95	1,610	1,777
Failure to Yield	218	281	206	109	65	142	100	106	106	119	140	118	1,710	1,216
Failed to Report Accident	44	111	72	54	21	60	38	30	42	29	34	42	577	447
Disobey Traffic Control	508	733	535	266	202	348	227	186	290	280	361	248	4,184	3,305
No Liability Insurance	44	109	58	36	22	35	39	36	40	50	44	42	555	196
Fleeing Law Officer in MV	37	38	29	27	37	32	20	29	22	22	29	20	342	252
Driving Under Influence	367	425	588	693	571	613	319	65	726	138	1,587	379	6,471	6,016
Physical Control	103	107	112	182	133	147	83	16	63	14	134	31	1,125	1,747
Driving Under Susp./Revoc.	270	176	254	183	243	252	174	214	184	221	275	181	2,627	2,417
Violation of DL Restrictions	27	9	18	14	11	13	20	14	15	12	12	19	184	169
Drag Race/MV on Highway	9	14	11	9	5	8	4	2	5	4	5	5	81	79
Miscellaneous	1,652	2,086	2,264	1,282	890	1,757	1,054	975	45	915	1,191	924	15,035	13,134
TOTALS	18,117	22,492	16,338	9,654	7,848	13,513	8,497	8,353	10,926	10,502	15,265	10,754	152,259	116,079

ACCIDENTS BY TYPE OF DRIVER VIOLATION/CIRCUMSTANCE

Violation/ Circumstance	All Accidents			Fatal Accidents			Injury Accidents		
	Total	Cited	Not Cited	Total	Cited	Not Cited	Total	Cited	Not Cited
D.U.I	935	918	17	22	18	4	492	484	8
Open Container	13	13	—	1	1	—	6	6	—
Drivers License	401	330	71	4	2	2	145	122	23
Careless Driving	2,506	1,948	558	7	5	2	752	629	123
Left. Acc. Scene	486	446	40	—	—	—	79	72	7
Fail to Yield	2,119	1,531	588	5	2	3	538	420	118
Traffic Control	434	319	115	2	2	—	155	113	42
Following	305	275	30	—	—	—	68	59	9
Improper Turning	244	163	81	—	—	—	27	22	5
Improper Backing	216	154	62	—	—	—	8	6	2
Overtaking	85	70	15	—	—	—	16	14	2
Wrong Way	60	44	16	1	—	1	21	14	7
Speed	27	11	16	—	—	—	9	3	6
Defective Equip.	88	66	22	—	—	—	25	22	3
Criminal Offense	12	11	1	—	—	—	7	6	1
Illegal Parking	7	4	3	—	—	—	1	—	1
Other	35	31	4	—	—	—	14	11	3
Unknown	268	232	36	3	2	1	69	61	8
Not Stated	15,182	—	15,182	103	—	103	3,400	—	3,400
TOTALS	23,423	6,566	16,857	148	32	116	5,832	2,064	3,768

ACCIDENT SUMMARY BY MONTH

Month	Total Accidents	Percent	Fatal Accidents	Injury Accidents	No. Deaths	No. Injured
January	1,088	7.4	5	217	6	334
February	944	6.4	4	198	4	279
March	1,201	8.2	1	243	1	385
April	880	6.0	11	251	11	353
May	1,105	7.5	11	362	11	538
June	1,099	7.5	12	330	13	529
July	1,189	8.1	10	376	14	607
August	1,135	7.7	13	354	14	518
September	1,234	8.4	9	330	9	502
October	1,329	9.0	14	370	15	570
November	1,532	10.4	10	281	12	439
December	1,963	13.4	5	311	6	450
TOTALS	14,699	100.0	105	3,623	116	5,504

ROAD SURFACE AND WEATHER CONDITIONS

FATAL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	89	2	—	—	—	—	5	—	96
	—	2	—	—	—	—	—	—	2
	1	1	—	—	—	3	—	—	5
	—	—	—	1	—	—	—	—	1
	1	—	—	—	—	—	—	—	1
	—	—	—	—	—	—	—	—	—
TOTAL	91	5	—	1	—	3	5	—	105

ROAD SURFACE AND WEATHER CONDITIONS

INJURY ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	2,501	167	22	45	10	312	37	16	3,110
	9	178	7	1	—	14	—	—	209
	8	16	—	28	9	73	1	—	135
	4	—	—	8	—	39	1	—	52
	—	5	—	2	3	18	1	—	29
	20	20	1	1	—	18	12	1	73
	3	—	—	—	—	—	—	—	3
	6	1	1	—	—	1	—	3	12
TOTAL	2,551	387	31	85	22	475	52	20	3,623

ROAD SURFACE AND WEATHER CONDITIONS

ALL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	8,799	719	73	275	52	2,119	170	51	12,258
	34	694	24	2	3	51	—	1	809
	28	53	3	190	38	501	2	—	815
	18	2	—	48	4	229	4	1	306
	2	12	—	2	10	103	1	—	130
	78	80	9	6	1	69	38	2	283
	8	4	—	—	—	7	—	—	19
	20	7	2	—	—	20	1	29	79
TOTAL	8,987	1,571	111	523	108	3,099	216	84	14,699

ACCIDENTS BY LIGHT CONDITIONS

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
	8,646	58.8	50	2,082
	296	2.0	2	63
	530	3.6	1	132
	2,622	17.9	6	651
	2,547	17.3	46	692
	58	0.4	—	3
TOTAL	14,699	100.0	105	3,623

RESTRAINT DEVICE USAGE AND EJECTION OF OCCUPANTS IN PASSENGER CARS AND PICKUPS

Safety Equipment	Not Ejected			Partial Ejection			Total Ejection		
	Killed	Injured	All	Killed	Injured	All	Killed	Injured	All
Not in Use	51	4,113	7,883	5	41	47	33	174	211
Lap Only	—	55	117	—	2	2	—	2	2
Lap & Shoulder	1*	113	199	—	—	—	—	1	2
Child Restraint	1**	12	43	—	—	—	—	—	—
Other	1*	3	4	—	—	—	—	—	—
Unknown	—	41	66	—	—	—	—	1	1
TOTAL	54	4,337	8,312	5	43	49	33	178	216

*These three fatalities were involved in one severe headon accident.

**This accident was investigated by the National Transportation Safety Board. The child restraint was not properly installed which allowed the child to strike the front seat. Their opinion stated the child would have survived if the seat had been properly secured.

TYPE OF MOTOR VEHICLE TRAFFIC ACCIDENTS

NUMBER OF ACCIDENTS

	TOTAL				ON ROADWAY				OFF ROADWAY			
	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage
Overturning	1,217	26	561	630	149	4	80	65	1,068	22	481	565
Other Noncollision	253	3	94	156	87	3	42	42	166	—	52	114
Pedestrian	135	9	126	—	126	9	117	—	9	—	9	—
MV on Same Roadway	8,162	38	1,868	6,256	8,018	37	1,842	6,139	144	1	26	117
MV on Other Roadway	3	1	—	2	2	1	—	1	1	—	—	1
Parked MV	1,404	—	111	1,293	—	--	—	—	1,404	—	111	1,293
RR Train	34	1	11	22	31	1	11	19	3	—	—	3
Pedalcyclist	127	2	124	1	117	2	114	1	10	—	10	—
Animal	1,150	1	49	1,100	1,147	1	49	1,097	3	—	—	3
Fixed Object	2,002	24	624	1,354	97	1	35	61	1,905	23	589	1,293
Fire/Explosion	27	—	2	25	11	—	—	11	16	—	2	14
Submersion	6	—	3	3	—	—	—	—	6	—	3	3
Other Object	177	—	50	127	73	—	22	51	104	—	28	76
Unknown	2	—	—	2	1	—	—	1	1	—	—	1
TOTAL	14,699	105	3,623	10,971	9,859	59	2,312	7,488	4,840	46	1,311	3,483

NUMBER OF PERSONS INVOLVED

	Total	Fatalities	Incapacitating Injury	Evident Injury	Possible Injury	No Injury
Overturning	1,974	27	189	428	253	1,077
Other Noncollision	431	3	26	57	35	310
Pedestrian	333	9	33	67	38	186
MV on Same Roadway	24,350	47	421	1,146	1,522	21,214
MV on Other Roadway	32	1	—	23	—	8
Parked MV	1,788	—	12	67	55	1,654
RR Train	47	1	7	1	7	31
Pedalcyclist	293	2	19	72	41	159
Animal	1,946	1	13	32	21	1,879
Fixed Object	3,011	25	184	434	226	2,142
Fire/Explosion	40	—	—	1	2	37
Submersion	8	—	1	1	1	5
Other Object	277	—	14	32	23	208
Unknown	2	—	—	—	—	2
TOTAL	34,532	116	919	2,361	2,224	28,912

*SUMMARY OF REPORTABLE ACCIDENTS BY CITY

POPULATION 5,000 AND OVER

	Total	Fatal	Injury	Damage	Number Killed	Number Injured
Fargo	1,892	3	434	1,455	3	586
Grand Forks	999	1	349	649	1	520
Bismarck	1,610	5	421	1,184	5	594
Minot	1,130	3	238	889	3	344
Jamestown	436	—	91	345	—	126
Dickinson	456	—	68	388	—	105
Williston	446	—	77	369	—	106
Mandan	309	—	87	222	—	119
Valley City	164	1	36	127	1	60
Devils Lake	159	2	26	131	2	37
Wahpeton	149	—	27	122	—	38
Grafton	135	1	29	105	1	37
West Fargo	180	—	46	134	—	61
TOTALS	8,065	16	1,929	6,120	16	2,733

VEHICLE INVOLVEMENT BY TYPE

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
Passenger Car	14,683	58.4	72	3,605
Pickup - Van - Jeep	5,202	20.7	40	1,221
Truck Tractor	538	2.2	8	134
Truck	463	1.8	3	117
Taxi	4	—	—	2
Bus	44	0.2	—	9
School Bus	49	0.2	1	20
Motorcycle	404	1.6	16	332
Moped	15	0.1	1	13
Pedalcycle	134	0.5	2	132
Construction Equipment	22	0.1	—	5
Snowmobile	4	—	—	3
Emergency Equipment	32	0.1	—	14
Train	31	0.1	1	11
Motor Home/R.V.	28	0.1	2	3
Farm Equipment	48	0.2	1	12
Parked	3,271	13.0	2	328
Other	38	0.2	—	17
Unknown	132	0.5	1	38
TOTALS	25,142	100.0	150	6,016

*Does not include Interstate Urban accidents.

ACCIDENTS BY OBJECT STRUCK

	All Urban	All Rural	Fatal Urban	Fatal Rural	Injury Urban	Injury Rural
None	7,056	3,724	11	56	1,601	1,041
Official Sign	148	131	—	4	46	27
Advertising Sign	8	4	—	—	4	—
Delineator	20	65	—	3	7	15
Guard Rail	51	122	—	1	10	32
Light Standard	121	32	1	1	42	3
Bridge	30	81	1	1	11	28
Drainage Structure	4	55	—	1	1	22
Utility Pole	142	119	—	—	44	31
Tree	144	156	1	1	58	50
Rocks	2	34	—	—	1	11
Roadway Slope	12	303	1	5	6	126
Fence	43	150	—	5	7	47
Animal	9	1,141	—	1	1	48
Hydrant	58	15	—	—	18	2
Approach	1	221	—	10	1	143
Building	45	37	—	—	15	4
Mailbox	20	39	—	—	5	7
Snowbank	5	18	—	—	—	4
Curb/Wall	61	23	—	—	27	8
Other	85	164	1	—	24	45
TOTAL	8,065	6,634	16	89	1,929	1,694

VEHICLE INVOLVEMENT BY VEHICLE DEFECT

	All Accidents	Fatal	Injury
None	24,028	138	5,769
Brakes	159	1	46
Cargo	5	—	2
Coupling	12	—	2
Electrical System	6	—	1
Exhaust	3	—	2
Fuel System	17	—	3
Glass	12	—	1
Lights	43	1	16
Signals	25	1	6
Stalled Engine	25	—	10
Steering	30	—	7
Suspension	18	—	7
Tires/Wheels	106	1	31
Wipers	3	—	—
Multiple	45	1	14
Other	112	—	21
Unknown	493	7	78
TOTAL	25,142	150	6,016

ACCIDENTS BY POPULATION AND ROADWAY

URBAN (Over 5,000 Population)

*Urban Population	NUMBER OF ACCIDENTS -TOTAL				NUMBER OF PERSONS TOTAL	
	Total	Fatal	Injury	Damage	Killed	Injured
5,000 — 10,000	607	4	118	485	4	172
10,000 — 25,000	1,827	—	369	1,458	—	517
25,000 — 50,000	3,739	9	1,008	2,722	9	1,458
50,000 — 100,000	1,892	3	434	1,455	3	586
TOTAL	8,065	16	1,929	6,120	16	2,733

URBAN

Urban Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	143	1	37	105	1	73
Federal-aid Primary	2,478	5	649	1,822	5	1,003
Federal-aid Urban	3,319	8	832	2,479	8	1,143
Local	2,270	3	448	1,819	3	587
SUBTOTAL	8,208	17	1,966	6,225	17	2,806

RURAL

Rural Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	431	4	99	328	5	157
Federal-aid Primary	2,140	40	600	1,500	45	1,040
Federal-aid Secondary	1,220	28	365	827	30	619
Local	2,700	16	593	2,091	19	882
SUBTOTAL	6,491	88	1,657	4,746	99	2,698
TOTAL	14,699	105	3,623	10,971	116	5,504

*Does not include Interstate urban accidents. Interstate is considered a rural roadway.

NON-TRAFFIC ACCIDENTS*

	ACCIDENTS			
	Total	Fatal	Injury	Damage
Overturning	65	—	39	26
Other Noncollision	21	—	9	12
Pedestrian	33	2	31	—
MV on Same Roadway	525	1	36	488
MV on Other Roadway	—	—	—	—
Parked MV	789	—	12	777
RR Train	1	—	1	—
Pedalcyclist	3	—	3	—
Animal	2	—	—	2
Fixed Object	347	2	47	298
Other Object	42	1	9	32
Fire/Explosion	4	—	—	4
Submersion	5	—	2	3
Unknown	1	—	—	1
TOTAL	1,838	6	189	1,643

	PERSONS					
	Total	Fatalities	Incap. Injury	Evident Injury	Possible Injury	None
Overturning	100	—	16	20	20	44
Other Noncollision	29	—	2	4	4	19
Pedestrian	78	2	15	12	5	44
MV on Same Roadway	1,410	1	—	30	16	1,363
MV on Other Roadway	—	—	—	—	—	—
Parked MV	940	—	4	6	5	925
RR Train	2	—	—	—	1	1
Pedalcyclist	7	—	—	1	2	4
Animal	2	—	—	—	—	2
Fixed Object	467	2	11	30	21	403
Other Object	54	1	3	4	4	42
Fire/Explosion	4	—	—	—	—	4
Submersion	6	—	—	—	2	4
Unknown	2	—	—	—	—	2
TOTAL	3,101	6	51	107	80	2,857

*Any accident involving motor vehicles occurring entirely outside of a public traveled way.